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SHAFIZADEH RECEIVES \$85,000
FROM NATIONAL SCIENCE FOUNDATION
TO CONTINUE FIRE STUDY

MISSOULA--

Dr. Fred Shafizadeh, professor and director of the Wood Chemistry Laboratory at the University of Montana, has been named recipient of a \$85,000 grant from the National Science Foundation to continue his investigation into the chemistry of cellulosic fires.

The grant covers the period September 1973 to September 1974 and is part of a \$169,500 project initiated in 1971.

"The purpose of the study is to investigate the initiation and propagation of uncontrolled fires fueled by cellulosic material such as vegetation, wood and cotton," Shafizadeh said.

The UM professor, recently selected to appear in the 1972 edition of "Outstanding Educators of America," will study the chemical transformations involved in the combustion processes to provide a scientific basis for coping with fire problems.

The study will have tremendous national importance, Shafizadeh said, citing statistics that at least 10,000 people are killed by fire each year in the United States and direct property losses exceed \$2 billion--the highest per capita loss of life and property of any major country.

Shafizadeh received a Bachelor of Science degree from the Technical Institute of Teheran in 1946 and doctoral degree in organic chemistry from the University of Birmingham in 1952. He served as a research associate at Pennsylvania State University, University Park, 1952-53, and associate supervisor of the Ohio State University Research Foundation, Columbus, 1953-58.

An internationally-recognized carbohydrate chemist, Shafizadeh joined the UM faculty in 1966 after managing the Weyerhäuser Company Pioneer Research Department for eight years.